













# THE COTTON BOLL WORM.

Its Damage Last Season Was \$5,000,000—  
Second Only to the Weevil.

Second only in importance to the Mexican cotton boll weevil as an enemy to cotton is the cotton boll worm. This insect has long been known as destructive in Florida, Alabama, Mississippi and Louisiana, and in 1909 it became the principal insect enemy of cotton in Texas. Nevertheless, little if any effort has been made by planters during the many years of boll worm injury to check its ravages, and along with increased cultivation of cotton from year to year, often to the exclusion of any other crop, the losses from this insect have tended to increase, and the injury during the past two or three years in Texas has been notable.

Aside, in fact, from certain isolated localities here and there in the great cotton belt, bollworm injury during 1909 appears to have been confined mostly to Texas and the southern part of the Indian Territory. The most serious injuries in Texas were in the northern and central counties of the eastern portion of the state, the loss in each county being estimated at from 20 to 50 per cent of the crop. The heaviest damage was done in the principal cotton producing area of the state, from which came in 1902 approximately three-fourths of the cotton crop of the state. It is hard to arrive at even an approximate estimate of the loss, but a conservative view by a special agent in charge of cotton boll worm investigations places it at \$5,000,000 for 1909, which, at a valuation of \$50 per bale, would mean a loss of \$4,500,000. Add to this the loss of the cotton seed, and the total loss would easily exceed \$5,000,000.

The bollworm has a wonderful distribution. It need hardly be explained that the larvae known variously as the bud worm of cotton, the twisted worm, corn ear worm, and the cotton worm, are identical with the cotton boll worm. Bollworm eggs may be easily detected with the unaided eye on the fresh silk of corn. As the larvae grow a remarkable diversity of color may be seen apparent, ranging from white to black, with distinct spots and stripes. A full grown larva measures from one and a quarter to one and a half inches in length. Corn when in a suitable condition is the preferred food of the bollworm, and cotton is not materially injured.



ROASTING EAR INFESTED BY BOLLWORM.

until after the corn has begun to harden. It would therefore appear that bollworms might be largely kept out of cotton by the proper use of corn as a trap crop.

Extensive tests of corn as a trap crop were made the last year both at Calvert and at Willaport, Tex. Bollworm moths fly about freely in cotton fields and would be attracted to a considerable distance by the trap crop. The experiments in question provided for belts of corn around and through the cotton fields, planted so as to be in prime silking condition about Aug. 1. By this means the large concentration of moths appearing late in July and August from larvae infesting roasting ears in the surrounding cornfields was largely detracted from the cotton, and egg laying was concentrated on the trap rows of corn. This number of eggs found on a single corn plant was often surprisingly great. Furthermore, the trap rows of corn were attractive to moths all through the season, from the time the plants were twelve to eighteen inches high till opening began. The total number of eggs deposited on a single plant must be very great and a single calculation will indicate the enormous number of bollworm eggs that are kept from cotton by a series of belts of corn planted through the cotton field.

It might be supposed that by thus furnishing the insect with its favorite food its increase and consequent destruction would be the result. This, however, appears to be not the case. From the several hundred eggs that may be found on a single corn plant but two or three larvae will eventually succeed in attaining their growth owing to the cannibalistic habits of the larvae themselves and for other reasons.

What to Put on the Early Potatoes. If you follow the advice of Professor E. B. Voorhees of New Jersey you will push your potatoes along with the following: Nitrate of soda, 100 pounds; sulphate of ammonia, 100 pounds; tankage, 100 pounds; and phosphate, 500 pounds; sulphate of potash, 500 pounds. You may use from 500 to 1,000 pounds per acre. For late potatoes use fifty pounds less nitrate of soda, 300 pounds of acid and fifty less of potash. Application per acre, 600 to 800 pounds.

No Glue Carriage Paint Made will wear as long as Dore's. No others are as heavy bodied, because Dore's weigh 3 to 5 ounces more to the pint sold.

I have with good results used "Chalybeate Ointment" in skin diseases and Piles. AMOS O. TAYLOR, M. D., ALTOONA.

For Sale on Easy Terms. My Black Oak Ridge Farm, 134 acres, good limestone land; 2 miles of never failing water; 4 miles from Broad Top creek regions. Call on or address H. W. Coggin, Bedford, Pa.

FOR SALE—House near P. R. station, Bedford. Mrs. S. F. Miller, Mann's Choice, Pa.

**FURNITURE CARPETS MATTINGS**  
METZGER HARDWARE & FURNITURE CO.  
PITT STREET, BEDFORD, PA.

# Rural Route Reminders.

R. F. D. No. 1, BEDFORD, MAY 10.—The fruit trees are beginning to come out in full bloom, but whether there will be plenty of fruit we do not know. There will be no fruit.

Jacob Vant has secured employment at the new hotel at Bedford Springs.

Mrs. Margaret Kountz, an aged woman, who left some time ago, is still confined to her room.

Mrs. Jacob Dier is on the sick list, but expects to be able to resume her duties in a few days.

Miss Clara Dore, of Chalybeateville, left on Saturday for Clearville, where she will attend school.

H. C. Doherty has opened a summer school at Lufordville.

After confinement in the room for about 15 weeks Mrs. Charles Greyle is able to sit up part of the time.

Mrs. Margaret Whelan is visiting at the home of G. W. Dier.

The farmers are busy making preparations and planting their corn. A great deal of complaint is being made that the seed corn is not in a very good condition, as the extreme cold weather last winter froze the kernel.

Horse cleaning and garden making will soon be a thing of the past.

Mr. and Mrs. George Stiffen, of Bedford, were visitors Saturday night and Sunday in Foxtown.

Some of these days there will be a baseball team organized in Foxtown. They are high in the practice area and the game is becoming quite popular and is witnessed by a great many spectators.

This will be one of the track baseball teams in the county.

Farm visiting is home from housing spring visiting his wife and family.

JOHN BROWN.

South Bedford Trials.

ON ROUTE No. 3, MAY 11.—Robert M. Wertz was visiting his friend, Joseph Fisher, at Kearsy and a few days last week.

George W. Keat and son spent a few days last week with A. C. Arnold and family.

Harry T. Davis is erecting a new kitchen on his residence.

Inter-Visiting.

Friday, May 11.—Farmers are all very busy sowing oats and planting corn.

J. A. Shallenberger is here with H. C. Gomer.

Enos Walter's sale was well attended yesterday and everything sold well.

William H. Bloom bought the Enos Walter property; consideration \$935.

Mrs. Susannah Griffith and Jacob Weyant are having their houses painted.

Walter and Clark, of St. Clairsville, are doing the work.

Mr. J. W. Lindsay is permanently located here now.

Enos Walter expects to visit his daughter, Mrs. James, of Kearsy, in the near future.

William Ling is very ill with catarrh of the stomach.

Cutting paper wood is the order of the day.

Ken Cutler and mother, of Altoona, was visiting at J. A. Gilly's on Sunday.

MONROE.

Letter to Peter Dummer.

Bedford, Pa.

Dear Sir: Three gallons saved is \$12 to \$15 earned.

Mr. Sanford Platt of Bridgeport, Conn., ordered 12 gallons Dore's paint, a new house, and returned 3 gallons.

His printer said it would take 12 lbs. of lead-and-putty.

Hubbell & Wade Co., said it. They say everybody has the same experience there.

The reason is, of course: they are used to poor paint.

What is poor paint? Anything not Dore's; some worse than others.

Resides, paints wear out as they cover. Double the \$12 to \$15.

Yours truly,

P. W. Dore & Co.

P. S.—John W. Inler sell our paint.

Sole Register.

# Home News Via Cumberland.

The following telegram appeared in Monday's Pittsburgh Post:

"CUMBERLAND, Md., May 8.—Farmers of Bedford county, Pa., who have examined their orchards saw the outlook for a good fruit crop in everything but peaches was never better. The peach crop will be very small this year."

Continuation of German Baptist Brother.

On account of the conversion of the German Baptist Brother at Carthage, Mo., May 19 to 27, inclusive, the Pennsylvania Railroad company will sell tickets to Carthage or Joplin and return at the following rates:

Carthage, Joplin, 20.00; Bedford, Pa., 21.00; Bedford, Pa., 21.00; Bedford, Pa., 21.00; Bedford, Pa., 21.00.

And at proportionate rates from intermediate points and from stations on the Cumberland Valley Railroad. Tickets will be sold from May 17 to 21, inclusive, and will be good for travel to Carthage or Joplin not later than May 30. By deposit of tickets not later than May 30 an extension of return limit to June 30 may be obtained. Further information apply to ticket agents.

Church Services.

Preparatory Service at 8 p. m. on Saturday, May 8, at 8 p. m. on Sunday, May 9, at 10 a. m. on Sunday, May 9, at 10 a. m. on Sunday, May 9, at 10 a. m.

St. Clairsville Reformed Church.

At St. Clairsville, Sunday, May 8, at 10 a. m.; preaching, 10 a. m.; B. B. study, Tuesday, 7:45 a. m.; services, Saturday, 2 p. m.; Sunday, 10 a. m. and 7:45 p. m. on Sunday, May 9, at 10 a. m. on Sunday, May 9, at 10 a. m.

Dunning's Creek Reformed Church.

At Dunning's Creek, Sunday, May 8, at 10 a. m.; preaching, 10 a. m.; B. B. study, Tuesday, 7:45 a. m.; services, Saturday, 2 p. m.; Sunday, 10 a. m. and 7:45 p. m. on Sunday, May 9, at 10 a. m. on Sunday, May 9, at 10 a. m.

Evangelical Association Services.

On Sabbath, preaching at Pleasantville at 10:30 a. m.; Carthage at 2 p. m.; and New Paris at 7:45 p. m. Y. M. C. People's Alliance at Pleasantville at 7:30 p. m. W. B. F. at Carthage, Pa.

Friend's Cove Reformed Church.

Sunday morning, May 15, at 10 a. m. on Sunday, May 15, at 10 a. m. on Sunday, May 15, at 10 a. m.

Good Merry-Go-Round for sale at two-thirds its original cost. Double cylinder engine and organ in first-class condition. Call on or address A. C. Gullin, Bedford, Pa.

Lysinger shoes are dependable.

Some tan shoes are skimped in the making—"just for one season," they say, and out they go.

But skimping means discomfort—maybe a corn or a bunion you'll never lose.

Better get shoes with a name—full of worth winter or summer—a reputation to guard.

You men know the winter "Regent"—it's true all through.

Tan "Regent" oxfords are just the same—or your money back. There, now!

And only \$3.

Suppose you come to-day.

W. S. Lysinger

Bedford, Pa.

CORLE'S VARIETY STORE

Wall Paper

We have in stock today 7,500 rolls of wall paper, all new patterns, to sell at the low price of 40 to 25¢ a roll. If you think of papering give us a call and look through our sample books. No trouble to show the samples.

Lace Curtains

We have the latest patterns at 40¢ to 10¢ a pair. Fine quality white lace, 10¢ to 15¢ a pair. Fine quality white lace, 10¢ to 15¢ a pair.

Kitchen Ware

Up-to-date articles for your kitchen. Good cooking means happy homes. Good utensils make good cooks. Berlin cutlery, sauce pans, egg poachers, farina boilers, four sifters, pie pans, cake pans, cake spoons, graters, egg beaters, cream trays and brushes, mangers, measuring cups, coffee pots, granite, nickel and tin, dust pans, ladles, dippers, tin lids, all sizes, knives and forks, ten and table spoons. The wise woman will equip her kitchen with utensils that save labor and worry, and make good results sure. We have a variety of articles not mentioned.

J. S. CORLE, BEDFORD, PA.

Take Advantage

of experience and low prices and buy your Spectacles of us. I guarantee a fit every time, or glasses changed free of charge.

W. A. Deibaugh, Graduate Optician.

Stop-Ache

Showered by your House Dentist for Toothache—sores

**The Lowest Priced Store of the County for Fine Goods**  
**METROPOLITAN** Clothing and Shoe House  
Bedford, Pa.

We sell you everything that Man, Boy or Child wears. A few special lots of goods at less than half price, such as Suits for Men, Boys and Children.

**One Lot of Men's Suits,**  
About 20, in all this season's goods. The reason for selling them so cheap is we had a big run on Clothing and it left us in some patterns, only 2 or 3 of a style, regular \$15 suits, at \$5.00.

**Boys' Suits,**  
About 16 in all, at these prices: \$3.50 for your choice of a lot that you will find 8 and 10 dollar suits among them, if the size you want is here, you will certainly get one cheap. This season's goods—not an old one in stock.

**Children's Suits at Special Price**  
Broken lots, about 15 in all, at \$1. These suits run in sizes from 3 to 16. If you don't put it off too long you can get one at the low price of a dollar.

**Men's Trousers for Dress and Work**  
Dress Pants at \$2 and \$2.50. Fully worth a dollar more; all sizes.

**Men's Shoes**  
In all leathers, including Pat. Colt and Tan Colors, as low as \$1.25 and as high as \$4.00. Oxfords the same. We sell a guaranteed Patent Colt \$2.50 a pair. Skin Shoe at \$3.50. Your money back if they break.

**Ladies' Shoes and Oxford Ties**  
In Black Kid, Patent Colt and Tan; also Girls' and Children's Shoes and Oxfords, begin in price at 50 cents and stop at \$2—that is for Children's; the Ladies' Shoes and Oxfords begin in price at \$1.00 and go as high as \$3.50.

**Men's Dress Shirts, Hats and Caps**  
Dress Shirts at 50¢, 75¢ and \$1.00, either with or without collars; or altogether soft shirts. Hats start at 50¢ and go as high as \$3.00.

**Ladies' Shirts and Silk Waists**  
A special on Shirts at \$.95 in 2 colors, Black and Gray. These are \$3.75 and \$4.50 Shirts. We just feel like selling Shirts at that price.

Come and see how big a bargain we can give you. Seeing is believing, and if you see the bargains you will appreciate them. Cut this advertisement out and bring it along and get a premium for it.

**Metropolitan Clothing and Shoe House**  
A. HOFFMAN, PROPRIETOR

**E. W. Horn & Co.**  
Heckerman Block  
Oppo. Waverly Hotel,  
BEDFORD, PA.

**Correct Clothes FOR BUSINESS AND DRESS**  
There is an individuality of style about our Clothing that all well dressed men admire. Not only is there variety in fashion and fabric, but the fact that garments sold by us are the work of experts—that they are cut in accordance with the most exacting requirements of Up-To-Date Designs and in texture are just what we represent them to be, saves not only time in the matter of making selections, but what is of quite as much importance, the money of the purchaser. For example, in the stock you will find Fine Sack Suits, Single or Double-Breasted Coats, Tight-Fitting Collars, Non-Breakable Fronts, Made of the Finest Domestic Fabrics in All Newest Patterns.

**Smart Soft and Stiff Hats of the Season**  
With all the newest things in Neckwear, Shirts, Collars, Cuffs, Underwear and Hosiery at Moderate Prices.

**M. LIPPEL**  
The Reliable Clothier, Opposite Bedford House  
From day to day our own corps of trimmers bring from our work room their newest productions. Some of these are Original Creations and some the copies of Imported Models. We have hats to suit the most fastidious, trimmed with the finest materials in the newest and most becoming styles. Full line of notions.  
**MRS. ELLA GILCHRIST.**

**Barnett's Store**  
Juliana Street. BEDFORD, PA.

**A Penny-Weight of Performance is Worth a Ton of Weak-Kneed Promises.**

Every day of the year this big store gladly fulfils its promises. Has a bigger and better stock than can be found in any other place in the county. Can supply your or your home wants quickly and satisfactorily. Makes your money hold out longer. Gives more and better goods for a given sum. Performs all its promises without trying to wriggle out on small technicalities. What you see temptingly advertised is not only here, but here in abundance. The stock of everything sold is large—very large.

The big store accommodates the wants of the rich and the poor, and both come in for profit-sharing, because we always have and always will undersell other places where similar goods are sold. It's wasting time to dispute these claims; we have hundreds of pleased customers who gladly testify to the truth of our assertions. We have long since learned the wisdom and truth of the old saying: "An ounce of performance is worth a pound of broken promises." And so have you.

**New Dress Goods**  
in this week—Crepes, Voiles, Etamines, Lawns and Silks. Handsome Peau de Soies at 85¢, \$1.00, \$1.25 and \$1.50 a yard.  
SILK CREPE DE CHINE—all colors, 85¢ yard—handsome material for summer waists and suits.  
SILK FIL DE SOIE in dots and checks, 2 inches wide, 25¢ yd.  
Japan and China Silks, all colors, 27 inches wide, at 50¢ yd.  
Satin Foulards—beautiful patterns, 75¢, 85¢, \$1.00 and \$1.25 yd.  
Mercerized Waistings—white and colors, 20, 25, 30 and 35¢.  
Covert Cloths—elegant for knickerbockers, 12½ and 15¢.  
FANCY TRIMMINGS in appliques, galloons and ornaments in plain and Persian effects. The most attractive thing under this heading is the price, which is very moderate.

**Wall Papers, Mouldings, etc.**  
Handsome papers in gills, Moires, Tapestries and plain. Varied papers in floral and gilt effects with 9 and 18 inch borders to match. Striped and floral papers with crown borders. Fancy moulding, 3, 4 and 5¢.

**Do You Want Shoes and Oxfords**  
That fit your feet?  
That give satisfaction?  
That are reasonable in price?  
That are comfortable?  
If so, the Heywood shoes are what you want. We sell them—\$3.00.

**A Few Items From Our Grocery Department:**  
Fancy full cream cheese . . . . . 12½¢  
Lima beans . . . . . 1 lb. 5¢  
Clean rice . . . . . 7 lbs. for 25¢  
Hominy . . . . . 12 lbs. for 25¢  
Lye . . . . . 4 cans for 25¢  
Laundry soap . . . . . 12 large cakes for 25¢  
Pure white lard . . . . . 1 lb. 10¢  
Swift's Premium Hams, Ex. fancy, 1 lb. 15¢  
Choice evaporated peaches . . . . . 1 lb. 10¢  
California prunes . . . . . 1 lb. 15¢  
Peas . . . . . 3 cans for 25¢  
Tomatoes . . . . . 3 cans for 25¢  
Pumpkin . . . . . 3 cans for 25¢  
Maple sugar—crumbed . . . . . 12½¢  
Ginger snaps . . . . . 5¢  
Oyster crackers . . . . . 5¢  
Tea crackers . . . . . 5¢  
Glue . . . . . 15¢  
Copperas . . . . . 5¢  
Sulphur . . . . . 5¢  
Moth balls . . . . . 10¢  
Gallon buckets fancy syrup . . . . . 35¢  
Pure sugar molasses . . . . . gal. 32¢  
Full pint bottles catsup . . . . . 10¢  
Gold Medal, spring wheat flour, extra fancy—Minneapolis Mills. Also various brands of flour from our home mills.

**Window Shades.**  
An elegant spring roller shade with or without fringe, all colors, 25¢.  
Better quality cloth 37½¢.  
Hand made oil with 6-inch linen fringe—the kind that don't fade, 50¢.  
Special sizes made on short notice.

**Carpet Chain.**  
Another big lot of best 5-ply cotton chain in this week—colors bright and chain smooth and uniform.  
We keep at all times a full line of colors in wool chain; also uncolored linen chain. Call or write us for prices—we can save you a little on every pound.

**Rugs.**  
More new ones in this week—pretty all wool Smyrna rugs 30 by 60 inches—\$1.00 each. These are very special and are worth \$1.50 a piece.  
Moccasin and Axminster rugs 30 x 60—handsome patterns . . . . . \$2.25  
36 x 72 inches . . . . . \$3.75  
All wool Ingrain Rugs, fringed—9 x 12 feet . . . . . \$7.00  
Brussels Rugs 9 x 12 feet . . . . . \$17.00  
Axminster Rugs 9 x 12 feet . . . . . \$25.00  
Best Body Brussels Rugs 9 x 12 feet . . . . . \$25.00  
Special Size Rugs in any grade made to order on short notice.

**Woodenware**  
Churns—12, 16 and 20 qt. size.  
Butter bowls and ladles.  
Pails—cedar, pine, tin and enamel.  
Step ladders—4, 5 and 6 foot.  
Tubs—cedar and cypress.

**Barnett's Store**  
Juliana Street, BEDFORD, PA.